

ABSTRACT OF THE DISCLOSURE

Provided is a process for the preparation of polysulfides which comprises
reaching sodium sulfide with oxygen in the presence of a transition metal oxide,
preferably MnO₂, and with the consumption rate of O₂ being at least 1.5x10⁻⁴
moles/l/sec. The process of the present invention is preferably conducted in a
self-recirculated reactor, which has been found to allow easy control of the O₂
consumption rate.

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